<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Publication</th>
<th>Topic</th>
<th>Abstract / Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2011</td>
<td>Bitter, F Hillier, Susan; Civetta, L</td>
<td>Change in dexterity with sensory awareness training: a randomised control trial</td>
<td>Perceptual &amp; Motor Skills (2011) Vol 112 (3): 783-798</td>
<td>Neurology</td>
<td>The role of sensory awareness in movement control is receiving increasing interest in sports and clinical literature as a feed-forward and feedback mechanism. The aim of the study was to assess the feasibility and effect of training in sensory awareness on dexterity in healthy adults. 29 healthy students were randomly allocated to a single-group, sensory awareness lesson with the dominant hand, the same lesson with the non-dominant hand, or to a sham control group. Dexterity measures included the Purdue Pegboard Test, a grip-lift manipulation, and perceived changes using a questionnaire. The sensory awareness lesson with the dominant hand produced a statistically significant improvement in mean dexterity compared to the control group, but not between the other two pairs of groups. The sensory awareness training paradigm is feasible and a single session improved dexterity in healthy adults.</td>
</tr>
<tr>
<td>2011</td>
<td>Thomas Kampe</td>
<td>Recreating histories: transdisciplinary and transcultural perspectives on performance making.</td>
<td>The Dybbuk, Choreography. <a href="http://www.papersearch.com">www.papersearch.com</a> 253-75</td>
<td>Theatre, Dance, Performance</td>
<td>This article discussed potentials and resonances of the application of the Feldenkrais Method, a somatic movement education practice, within the context of the performance making. Questions regarding transdisciplinarity arise through the application of such methodology within a collaborative creative process, where dance-, theatre-, and educational discourses are critically applied through lived, embodied practice.</td>
</tr>
<tr>
<td>2011</td>
<td>Edinborough Campbell</td>
<td>Developing decision-making skills for performance through the practice of mindfulness in somatic training</td>
<td>Theatre, Dance and Performance Training (2011) Vol 2 (1):</td>
<td>Theatre, Dance, Performance</td>
<td>Decision-making is a fundamental part of the actor's work. Actors must choose how to present a character, how to tell a story, and how to communicate with an audience. This article examines how certain somatic practices used in actor training can improve processes of decision-making through the development of mindfulness. Through examining the way in which the psychologist Ellen Langer correlates increased mindfulness with a clearer sense of the available options during decision-making, the article shows the relationship between Langer's experimental studies and the practices developed by the somatic practitioners Moshe Feldenkrais (developer of the Feldenkrais Method) and Minoru Inaba (Aikido master). In conclusion, the article suggests that somatic practices and physical training should not merely be seen as tools to improve physical technique, but as valuable processes for improving the actor's embodied sense of self during decision-making.</td>
</tr>
<tr>
<td>2011</td>
<td>Connors, Karol; Pile, Carolyn; Nichols, Margo</td>
<td>Does the Feldenkrais Method make a difference? An investigation into the use of outcome measurement tools for evaluating changes in clients.</td>
<td>Journal of Bodywork and Movement Therapies</td>
<td>Musculoskeletal</td>
<td>Evidence-based practice confirms the need for outcome measures to establish the effects of health interventions. Feldenkrais Method practitioners struggle to use such tools because of the broad scope of the Feldenkrais Method and the difficulty identifying suitable measurement tools. A pre/post test design was used to investigate the use of three outcome measurement tools [Patient-specific Functional Scale (PSFS), Pain Outcome Profile (POP) and Short Form12v2 Health questionnaire (SF12v2)] for clients experiencing problems performing everyday functional tasks who attended Feldenkrais sessions. Changes were detected in the clients' ability to perform everyday tasks (PSFS improved 3.8 points, p&lt;0.001), levels of pain decreased (POP improved in current pain p=0.001, physical index p=0.001 and affective index p=0.001) and quality of life improved significantly in six of the eight SF12v2 domains. These three tools have been found to be suitable for detecting changes in client function before and after a series of Feldenkrais sessions.</td>
</tr>
<tr>
<td>2011</td>
<td>Connors KA, Galea MP, Said CM</td>
<td>Feldenkrais Method balance classes improve balance in older adults: a controlled trial</td>
<td>Evidence Based Complementary and Alternative Medicine Volume 2011 Article ID 873672, 9 pages, doi: 10.1093/ecam/nep055</td>
<td></td>
<td>Objective: To investigate the effects of Feldenkrais Method balance classes on balance and mobility in older adults. Design: Prospective non-randomized controlled study with pre/post measures. Setting: General community. Participants: Convenience sample of 26 community-dwelling older adults (median age 75 years) attending Feldenkrais Method balance classes formed the intervention group. Thirty-seven volunteers were recruited for...</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>--------------------</td>
</tr>
<tr>
<td>2010</td>
<td>Wildman, Frank</td>
<td>Change your Age: Using your body and brain to feel younger, stronger and more fit. (Book)</td>
<td>DaCapo Press, USA, 2010</td>
<td>Ageing, Exercise, Wellbeing</td>
<td>22 older adults attended either a regular exercise class or a Feldenkrais class. Participants were compared on a range of mobility and health measures before and after a series of classes. Participates of both classes made significant improvements, indicating that the Feldenkrais Method is as effective as regular classes at improving mobility and well being in older adults.</td>
</tr>
<tr>
<td>2010</td>
<td>Ohman, Ann; Astrom, Lena; Malmgren-Olsson, Eva-Britt</td>
<td>Feldenkrais Therapy as group treatment for chronic pain - a qualitative evaluation</td>
<td>Journal of Bodywork and Movement Therapies 2010 Vol 15(2): 153-61</td>
<td>Pain</td>
<td>This study describes two similar approaches to human movement: Qi Gong exercises and the Feldenkrais method. These systems are investigated in terms of Gestalt concepts and humanistic psychology. Moshe Feldenkrais created the concept known as Awareness Through Movement. This concept assumes that by becoming more aware of one’s movements, one functions at a higher level. In similar ways to those using the Feldenkrais method, individuals may become more aware of their own movements by performing Qi Gong exercises: A therapeutic modality that facilitates mind–body integration. Qi Gong exercises commonly lead to increased personal awareness accompanied by enhanced quality, fluency and smoothness of movement. These two methods of movement therapies are explored in terms of their relations with Gestalt concept and humanistic psychology.</td>
</tr>
<tr>
<td>2010</td>
<td>Connors, Karol; Galea, Mary; Said, Cathy; Remedios, Louisa</td>
<td>Feldenkrais Method balance classes are based on principles of motor learning and postural control retraining: a qualitative study</td>
<td>Physiotherapy 2010 Vol 96 (4): 324-336</td>
<td>Balance</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>Posadzki, Paul; Stockl, Andrea; Mucha, Dariusza</td>
<td>Qi Gong exercises and Feldenkrais method from the perspective of Gestalt concept and humanistic psychology</td>
<td>Journal of Bodywork and Movement Therapies Psychology 2010 14: 227-233</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>Ullmann, Gerhild; Williams, Harriet; Hussey, James; Durstine, J; McClenaghan, Bruce</td>
<td>Effects of Feldenkrais Exercises on balance, mobility, balance confidence and gait performance in community-dwelling adults age 65 and older.</td>
<td>The Journal of Alternative and Complementary Medicine 16:97-105</td>
<td></td>
<td>Background: Falls and fall-related injuries are a major public health concern, a financial challenge for health care providers, and critical issues for older adults. Poor balance and limited mobility are major risk factors for falls. Objective: The purpose of this study was to examine effects of Feldenkrais exercises in improving balance, mobility, and balance confidence in older adults. Methods: Participants (N = 47, mean age 75.6) were randomly assigned to a Feldenkrais group (FG, n = 25) or to a control group (CG, n = 22). The FG group attended a 5-week Feldenkrais program, 60 minutes three times per week, while the CG group was a waitlist control. The outcome measures were balance (tandem stance), mobility (Timed Up and Go), gait characteristics (GAITRite Walkway System), balance confidence (Balance Confidence Scale; ABC), and fear of falling (Falls Efficacy Scale). Pre- and post-tests were conducted. Results: After completion of the program, balance (p = 0.030) and mobility (p = 0.042) increased while fear of falling (p = 0.042) decreased.</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>2010</td>
<td>Schuyler, Kathryn</td>
<td>Increasing leadership integrity through mindfulness training and embodied learning</td>
<td>Consulting Psychology Journal: practice and research 62(1): 32-38</td>
<td>Psychology</td>
<td></td>
</tr>
<tr>
<td>2009</td>
<td>Connors, Karol; Campbell, Lisa &amp; Svendsen, Diana</td>
<td>The Feldenkrais Method (Chapter 25), In &quot;Headache, Orofacial Pain and Bruxism: diagnosis and multidisciplinary approaches to management&quot;. (Book) P Selvaratnam (Editor)</td>
<td>Churchill Livingstone, 2010</td>
<td>Musculoskeletal</td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>Stephens, Jim</td>
<td>Future Directions for Research on the Feldenkrais Method</td>
<td>IFF Academy Feldenkrais Research Journal 3</td>
<td>Research</td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>Barrows, Stacey</td>
<td>Future Directions for Research on the Feldenkrais Method</td>
<td>IFF Academy Feldenkrais Research Journal 3</td>
<td>Research</td>
<td></td>
</tr>
<tr>
<td>2007</td>
<td>Baniel, Anat</td>
<td>A revolutionary approach for transforming the lives of children with special needs.</td>
<td>Massage &amp; Bodywork, December/January 2007, 68-75</td>
<td>Children</td>
<td></td>
</tr>
<tr>
<td>2006</td>
<td>Joyce, Ann</td>
<td>Individuals with dementia learn new habits and are empowered through the Feldenkrais method.</td>
<td>Alzheimer’s Care Quarterly, 7(4), 278-286</td>
<td>Dementia</td>
<td></td>
</tr>
</tbody>
</table>

**Abstract / Summary**

Significantly for the FG group. No other significant changes were observed. However, participants of the FG group showed improvements in balance confidence ($p = 0.054$) and mobility while performing concurrently a cognitive task ($p = 0.067$). Conclusions: These results indicate that Feldenkrais exercises are an effective way to improve balance and mobility, and thus offer an alternative method to help offset age-related declines in mobility and reduce the risk of falling among community-dwelling older adults. A long-term follow-up study of balance and mobility is warranted. Further research is needed to identify whether Feldenkrais exercises may impact cognitive processes.


<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Publication</th>
<th>Topic</th>
<th>Abstract / Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2005</td>
<td>Mehling, W.E., DiBlasi, Z., &amp; Hecht</td>
<td>Bias control in trials of bodywork: A review of methodological issues.</td>
<td>Journal of Alternative and Complementary Medicine, 11(2), 333-342.</td>
<td>Research Methodology</td>
<td>Objective: To review and summarize the methodological challenges in clinical trials of bodywork or hands-on mind-body therapies such as Feldenkrais Method, Alexander Technique, Trager Work, Eutony, Body Awareness Therapy, Breath Therapy, and Rolffing, and to discuss ways these challenges can be addressed. Design: Review and commentary. Methods: Search of databases PubMed and EMBASE and screening of bibliographies. Published clinical studies were included if they used individual hands-on approaches and a focus on body awareness, and were not based on technical devices. Results: Of the 53 studies identified, 20 fulfilled inclusion criteria. No studies blinded subject to the treatment being given, but 5 used an alternative treatment and blinded participants to differential investigator expectations of efficacy. No study used a credible placebo intervention. No studies reported measures of patient expectations. Patient expectations have been measured in studies of other modalities but not of hands-on mind-body therapies. Options are presented for minimizing investigator and therapist bias and bias from differential patient expectations, and for maintaining some control for non-specific treatment effects. Practical issues with recruitment and attrition resulting from volunteer bias are addressed. Conclusions: Rigorous clinical trials of hands-on complementary and alternative therapy interventions are scarce, needed, and feasible. Difficulties with blinding, placebo, and recruitment can be systematically addressed by various methods that minimize the respective biases. The methods suggested here may enhance the rigor of further explanatory trials.</td>
</tr>
<tr>
<td>2005</td>
<td>Stephens, James, Pendergast, Christopher, Roller, Beth Ann, &amp; Weiskittel, Robert Scott.</td>
<td>Learning to improve mobility and quality of life in a well elderly population: the benefits of awareness through movement.</td>
<td>IFF Academy Feldenkrais Research Journal, 2. From: <a href="http://www.iffresearchjournal.org/stephens2005.htm">http://www.iffresearchjournal.org/stephens2005.htm</a></td>
<td>Mobility</td>
<td>平衡 and Mobility Objectives: This study tested the hypothesis that an alternative movement learning method, Awareness Through Movement, would produce improvements in coordination, mobility, economy of movement and quality of life in older adults. Methods: A group of 31 older adults was studied using a prospective, repeated measures control group design. The SF-36 was used to assess health status - quality of life. Video motion analysis was used to collect data on walking and on a floor to stand transfer movement. Results: Coordination of the transfer movement improved significantly in the experimental group. Vitality and mental health scores also improved significantly in this group. Interesting differences between young-old and old-old changes were observed. Conclusions: Awareness Through Movement may be an additional effective method for pursuing the objectives of Healthy People 2010.</td>
</tr>
<tr>
<td>2005</td>
<td>Eisenberg, R., Chávez, C., Cuevas, V., Gutiérrez, J., Rosas, S., &amp; y Landázuri, A.M.</td>
<td>Psycho-corporal recovery as the essence of environmental values training.</td>
<td>IFF Academy Feldenkrais Research Journal, 2. <a href="http://www.iffresearchjournal.org/eisenbergenglish.htm">http://www.iffresearchjournal.org/eisenbergenglish.htm</a></td>
<td>Body Awareness Therapy</td>
<td>Referring to seminal texts and influential authors in the field of biology of cognition, the author discusses connections between mind and body, insisting on the critical role of the body in the acquisition of knowledge viewed as biological phenomena. She reviews in that context the principles of the Feldenkrais method of somatic education whose goal is essential to restore the integrity and unity of sensorial, affective and intellectual levels of the self. This approach designed to enhance body awareness and consolidate body image through sequences of movements and functional integration is said to be most beneficial to actors and artists in their search for creativity but it may benefit as well individuals who seek improvement of their health and personal growth.</td>
</tr>
<tr>
<td>2005</td>
<td>Guimond, Odette</td>
<td>Qui va là? Point de vue de la méthode Feldenkrais d'éducation somatique.</td>
<td>IFF Academy Feldenkrais Research Journal, 2. Article publié à l'origine dans PRISME, Psychiatrie, recherche et intervention en santé mentale de l'enfant, no 37 (Corps Culture Identité), Montréal, Hôpital Sainte-Justine, 2002, pp.98-106. ISSN: 2-922770-34-06; ISSN:171-7599</td>
<td>Body Awareness Therapy</td>
<td>天脳と心を一つにし、身体のすべてを繋ぐ。体の教育の目的は、生の知識の理解と身体の統一性を促進することである。この方法は、演技者やアーティストが創造性への探索に有益で、健康と個人成長の改善も可能である。</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>--------------------------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2005</td>
<td>Ernst E., &amp; Canter P.</td>
<td>The Feldenkrais Method - A systematic review of randomised clinical trials.</td>
<td>PHYSIKALISCHE MEDIZIN REHABILITATIONSMEDIZIN KURORTMEDIZIN, 15 (3), 151-156.</td>
<td>Research</td>
<td>Objective: The Feldenkrais Method (FM) is being promoted for a range of medical conditions. This article is aimed at summarising and critically evaluating the results of randomised controlled trials of FM. Design: Systematic review; literature searches were carried out in 7 electronic databases. All randomised controlled trials of FM were included regardless of indication. No language restrictions were applied. The data were extracted and evaluated by two independent reviewers. The methodological quality of the primary studies was assessed with the Jadad score. Setting: Academic centre, UK. Participants: All human volunteers participating in trials. Interventions: Not applicable. Results: Six studies met our inclusion criteria. They were all burdened with significant methodological weaknesses. The indications included multiple sclerosis, neck/shoulder problems and chronic back pain. All but one trial reported positive results. Conclusion: The evidence for the FM is encouraging but, due to the paucity and low quality of studies, by no means compelling.</td>
</tr>
<tr>
<td>2004</td>
<td>Hanley, F.</td>
<td>The Dynamic Body Image And The Moving Body: A Theoretical And Empirical Investigation</td>
<td>Submitted in fulfilment of the requirements for the degree of Doctor of Philosophy, School of Psychology, Faculty of Arts, Victoria University.</td>
<td>Body Awareness/ Self Image</td>
<td>A Feldenkrais practitioner explores concepts of body image in this thesis.</td>
</tr>
<tr>
<td>2004</td>
<td>Jain S, Janssen K, DeCelle S.</td>
<td>Alexander technique and Feldenkrais Method©: a critical overview.</td>
<td>Physical Medicine &amp; Rehabilitation Clinics of North America. 15(4):811-25, vi, 2004 Nov.</td>
<td>Comparison with Alexander technique</td>
<td>This article develops an overall better understanding of the Alexander technique and Feldenkrais method. Initially, a brief history is provided to lay the groundwork for the development of these techniques. A description of the techniques, training requirements, and mechanism of action follows. Indications, contraindications, and patient selection are discussed. This article reviews and identifies what research has been completed and what areas need further investigation. Overall, the goal is to establish a guide to aid in determining who may benefit from these techniques and outcomes to expect when using these techniques.</td>
</tr>
<tr>
<td>2004</td>
<td>Burkhardt SL, Nair DG, Burkhardt BA et al.</td>
<td>Assessing recovery of hand function from stroke using the Feldenkrais Method: the case of Norman.</td>
<td>Poster presented at the Feldenkrais Annual Research Forum, Seattle WA,</td>
<td>Neurology</td>
<td>The purpose of this study is to explore the relationship between self-generated movement and processes of self-learning and self-change. It is hypothesized that: 1) Moving is a primary mode of interacting with a world that we construct through our interactions; 2) self-moving is a way of knowing, which structures both the knowing self and the perception of personal reality; 3) self-change is a process of self-learning which changes the ways in which the self perceives and interacts with personal reality, the nature of which reality changes in a mutually causal relationship with processes of self-change. This study is a philosophical inquiry in narrative form, informed by my experience as a dancer and a practitioner of The Feldenkrais Method of Somatic Education. Dynamical Systems Theory is employed as a concept-generating metaphor, by means of which personal experience is interwoven with theoretical approaches to cognition as embodied and environmentally embedded. A conceptual structure is developed in which the cognizing self, as a dynamical system, is defined as an environmentally dependent self-organizing, complex of structural change, absent any central controller. The cognitive domain encompasses all the possible functional interactions, where function is taken to comprise moving, sensing, feeling, and thinking. The integrated nature of function stipulates that: 1) Each component of function represents and postulates the others and functions as a whole; 2) all human actions,</td>
</tr>
</tbody>
</table>
The idea for this beginners guide came to my mind during a meeting in Munich, Germany, initiated and sponsored by Roger Russell, Ulla Schläfke and Prof. Klaus Schneider in July 2003, where two university professors, Beatrix Vereijken from Norway and Klaus Schneider from Germany, sat down with something like 40 Feldenkrais practitioners to collect ideas for research projects in connection with the Feldenkrais method. So we were discussing and working and everybody was very motivated, but at one point we got suddenly stuck. In this situation it occurred to me that full-time researchers don’t know how the ordinary (Feldenkrais) person thinks and the ordinary (Feldenkrais) person has no idea of the situation it occurred to me that full-time researchers don’t know how the ordinary (Feldenkrais) person thinks and the ordinary (Feldenkrais) person has no idea of the thinking of a scientist. To create a little bit more understanding for the Feldenkrais people in this project I pulled out all my notes and books from my research and collected them to facilitate the dialogue with the scientific world we are facing. Now with the IFF Academy Research Journal we again move a little bit forward on this road with collecting and presenting a lot of thoughts and studies about the Feldenkrais Method. It seems to be the right place for this beginners guide to science again, to introduce to basic concepts lying behind the studies.

The use of complementary and alternative medicine (CAM) is increasing worldwide, especially by patients with chronic diseases. To date, no data are available about utilization and perceived effectiveness of CAM in patients with dystonia. 180 members of the German Dystonia Society, a patient advocate group, completed a questionnaire survey on utilization and costs of CAM. In total, 131 dystonia patients (73%) were current or former users of CAM, 55 patients used CAM in addition to botulinum toxin A injections, and 86 patients had experience with three or more CAM methods. The options used most widely were acupuncture (56%), relaxation techniques (44%), homeopathy (27%), and massages (26%). Among users of specific CAM methods, breathing therapy, Feldenkrais, massages, and relaxation techniques were perceived as most effective. On average, patients spent 1,513 Euro on CAM without reimbursement. There was no correlation between costs and perceived effectiveness of different methods. In line with other studies on chronically ill patients, our results show that dystonia patients frequently utilize CAM methods, often in addition to conventional treatment. There is a growing need to evaluate scientifically the effect of CAM methods on symptom severity and quality of life in dystonia, to prevent utilization of costly and ineffective CAM treatments.

Review chapter that includes discussion of cases in which Awareness Through Movement and Functional Integration were used. Review of research available through 2003.

As we debate the process and usefulness of research within our ranks, people are looking at us from the outside to try to evaluate the effectiveness of what we are doing in achieving the claims that we make. One of the ways we communicate our work is through the sharing of personal experience. Another way is the presentation of formal research that documents the outcomes of our work and suggests the context within which in may be most effective. This article will review some of the criteria that people use when they look at our work from the outside and discuss some of the conclusions about research on Feldenkrais Method based on those criteria. We have made a good start in addressing the outcomes of the work that we do but we have a long way to go to address the full range of the work that we do. Suggestions are made at the end for some next possible steps along the path of improving the research we do.
<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Publication</th>
<th>Topic</th>
<th>Abstract / Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2004</td>
<td>Schacker, Werner</td>
<td>Finding our own language.</td>
<td>IFF Academy Research Journal, 1 from <a href="http://www.iffresearchjournal.org/schackereng.htm">http://www.iffresearchjournal.org/schackereng.htm</a></td>
<td>Research</td>
<td>The Feldenkrais Method is first and foremost an experimental practice guided by certain fundamental assumptions both explicit and implicit. These assumptions have been influenced by a variety of experiences/concepts/theories..... In &quot;The Case of Nora – Body Awareness as Healing Therapy” Moshe Feldenkrais wrote that the working hypothesis for this case study “is somewhere between intuition and future scientific gospel.” As yet we are still far from approaching this future science, but the conditions for its emergence have improved. Such science can only be developed through dialogue. I am interested here in the number of possibilities and preconditions for such a dialogue with different sciences and what Feldenkrais teachers and scientists can learn from one another. Our practice is to some extent already interdisciplinary and many-voiced because we are always dealing with living human beings who cannot be fitted into the limitations and fragmentations of separate disciplines. Thus we need many dialog partners. We should not only favour the natural sciences. If we wish to get in a dialogue with others, we have to be able to express what is important to us in our work, what experiences we have and what insights we gain. This requires that we develop and practise using a language of our own. In December 2002 leading scientists and Feldenkrais teachers met in Paris for a dialogue.(1) In an atmosphere that was both pleasantly relaxed and stimulating, a group of Feldenkrais teachers from all over the world listened to lectures with great interest. These four days were a beginning but not as yet a proper dialogue. The lectures and conversations with colleagues prompted me to write down a few thoughts about the relationship between Feldenkrais and science. This is a personal response, founded on my individual and professional background as much as on what I experienced in Paris – and what I felt to be missing there. Others would respond differently; and thus a dialogue might ensue which could take us further. My thoughts are associative and fragmentary rather than systematic. They are intended to encourage discussion rather than trying to prove or justify something.</td>
</tr>
<tr>
<td>2004</td>
<td>Joly, Yvan</td>
<td>The experience of being embodied: qualitative research and somatic education a perspective based on the Feldenkrais Method®.</td>
<td>IFF Academy Research Journal, 1 from <a href="http://www.iffresearchjournal.org/jolieeng.htm">http://www.iffresearchjournal.org/jolieeng.htm</a></td>
<td>Research</td>
<td>Somatic Education is the name of a new disciplinary field that focuses on the living body, on the biological basis of consciousness and awareness, and on movement as experienced in space. The Feldenkrais Method and all other methods for somatic education share the need for qualitative research: to formulate their theories and define the scientific basis of their concepts; to measure the effects of their practices; to understand and improve the training process for practitioners and teachers. The paradoxical nature of verbally conducted research dealing with a non-verbal research object such as the body also needs to be clarified. Any researcher concerned with the quality of somatic education must bring to the research process an awareness of her/his own body. This is both a characteristic feature and an undeniable necessity for such research.</td>
</tr>
<tr>
<td>2004</td>
<td>Laumer, U., Bauer, M., Fichter, M., &amp; Milz, H.</td>
<td>Therapeutic effects of the Feldenkrais Method (Awareness through Movement) in eating disorders.</td>
<td>IFF Academy Feldenkrais Research Journal, 1 Eating Disorders</td>
<td>Research</td>
<td>Based on the movement-pedagogical concept of Feldenkrais and the findings of disturbed body perception by eating disordered patients this research aimed at studying the therapeutical effects of the Feldenkrais Method “Awareness through Movement” with eating disorder patients. 15 eating disordered patients treated at the Rosenheck hospital for behavioural medicine rated – by means of a questionnaire consisting of scales of the Body Cathexis Scale (BCS), the Body Parts Satisfaction Scale (BPSS), the questionnaire for body perception (Fragebogen zum Körperform; FKE), the Emotion Inventory (Emotionalitatssinventar; EMI-B), the Anorexia-Nervosa-Inventory for Self-rating (ANIS) and the Eating Disorder Inventory-2 (EDI) – various aspects of their eating disorder before and after participating in a nine hour course of the Feldenkrais Method. The data of these patients were compared to those of the members of a control group, also consisting of 15 eating disordered patients who did not participate in a Feldenkrais course. The participants of the Feldenkrais-course showed increasing contentment with regard to problematic zones of their body and their own health as well as concerning acceptance and familiarity with their own body. Other results were a more spontaneous, open and self-confident behaviour, the decrease of feelings of helplessness and decrease of the wish to return to the security of the early childhood, which indicates the development of felt sense of self, self-confidence and a</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>-------------------</td>
</tr>
<tr>
<td>2004</td>
<td>Kemp, Friedhelm</td>
<td>Walking Upright: On Moshe Feldenkrais, 1969 Let's get things right! 1995/99.</td>
<td>IFF Academy Feldenkrais Research Journal.1. <a href="http://www.iffresearchjournal.org/kempereng.htm">http://www.iffresearchjournal.org/kempereng.htm</a></td>
<td>Neurology</td>
<td>PURPOSE/HYPOTHESIS: To assess quality of life changes associated with a successful balance intervention in a group of people with MS. NUMBER OF SUBJECTS: 12 people with MS mean age 54 yrs, mean Kurtzke EDSS level 4.75 MATERIALS/METHODS: Subjects were randomly assigned to 2 groups: Awareness Through Movement intervention (ATM) and control group (EDU). The ATM group participated in 8 Awareness Through Movement sessions while the EDU group participated in 4 educational sessions over 2 months. Balance and mobility measures were performed before and after the intervention period. These results were published in Neurology Report 2001; 25(2): 39-49. To assess quality of life the MSQLI was administered before and after the intervention. The MSQLI has 10 sub-scales including: Modified Fatigue Impact (MFIS), Pain Effects, Perceived Deficits (PDQ), and Modified Social Support Survey (MSSS). All scales are valid for people with MS with reliability scores ranging from .78 to .97. Data analysis used Kruskal - Wallis ANOVA for group comparisons and Spearman rs for correlations. RESULTS: There were 3 significant group differences: 1) increase in pain effects in the ATM group (p&lt; 0.03); 2) decrease in perceived difficulty recalling recent events (PDQ-RM) in the ATM group (p&lt; 0.035); and 3) improvement in perceived availability of others for companionship (MSSS-POS) in the ATM group (p&lt; 0.035). Improvement on the PDQ-RM was highly correlated with decreased fatigue impact and a decrease in total PDQ, retrospective memory and planning and organization subscale scores. CONCLUSIONS: The larger picture that emerges is that an intervention that was successful in improving balance and mobility had other spin-off benefits that were physical, psychological and social improving quality of life. ATM is intended to improve people's awareness and understanding of their bodies and to help individuals create alternative strategies for setting and achieving goals in their life. This spin-off impact may be present in other kinds of interventions but it has not been measured or documented. CLINICAL RELEVANCE: In an environment where patients and payers increasingly demand significant functional outcomes and measurable improvements in quality of life, it is important to document not only the physical outcomes but also the outcomes that reflect quality of life.</td>
</tr>
<tr>
<td>2003</td>
<td>Ives JC.</td>
<td>Comments on &quot;the Feldenkrais Method®: a dynamic approach to changing motor behaviour&quot;</td>
<td>Research Quarterly for Exercise &amp; Sport. 74(2):116-23</td>
<td>Dynamic systems theory</td>
<td>The Feldenkrais Method has recently been discussed to fit within a dynamic systems model of human movement. One basis for this discussion is that small changes in one system—for example, enhanced body awareness—has far reaching implications across the whole of human performance. An alternative view on the Feldenkrais Method is argued here. It is argued that the clinical data do not support the Feldenkrais Method as being an effective way to improve motor performance. Further, it is argued that positive outcomes in pain and</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>----------------------------------------------------------------------</td>
<td>-----------------------------------------------------------------------------</td>
<td>-------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>2003</td>
<td>Emerich KA.</td>
<td>Non-traditional tools helpful in the treatment of certain types of voice disturbances.</td>
<td>Current Opinion in Otalaryngology &amp; Head &amp; Neck Surgery. 11(3):149-53</td>
<td>Voice</td>
<td>Voice therapy has evolved considerably over the past decade. Our field has learned to draw from other disciplines to help facilitate the restoration of vocal function by implementing a more holistic approach and utilizing principles of motor learning to create our therapy programs. Clinicians have learned to recognize that the voice is more than just the larynx. Rather, it is a whole body system, and breakdowns in systems throughout the body can be responsible for vocal disturbances. This review will cover the non-traditional approaches that aid in treating certain voice disorders that often are not discussed in textbooks or classrooms. Facilitating techniques include principles from singing and acting voice production, Feldenkrais, Alexander technique, Qigong, and circuitaryngeal massage.</td>
</tr>
<tr>
<td>2003</td>
<td>Netz Y. Lidor R.</td>
<td>Mood alterations in mindful versus aerobic exercise modes.</td>
<td>Journal of Psychology. 137(5):405-19</td>
<td>Psychology - mood</td>
<td>The results of most recent studies have generally indicated an improvement in mood after participation in aerobic exercise. However, only a few researchers have compared mindful modes of exercise with aerobic exercise to examine the effect of a single session of exercise on mood. In the present study, the authors assessed state anxiety, depressive mood, and subjective well-being prior to and following 1 class of 1 of 4 exercise modes: yoga, Feldenkrais (Awareness Through Movement), aerobic dance, and swimming; a computer class served as a control. Participants were 147 female general curriculum and physical education teachers (mean age = 40.15, SD = 0.2) voluntarily enrolled in a 1-year enrichment program at a physical education college. Analyses of variance for repeated measures revealed mood improvement following Feldenkrais, swimming, and yoga but not following aerobic dance and computer lessons. Mindful low-exertion activities as well as aerobic activities enhanced mood in 1 single session of exercise. The authors suggest that more studies assessing the mood-enhancing benefits of mindful activities such as Feldenkrais and yoga are needed.</td>
</tr>
<tr>
<td>2003</td>
<td>Niethammer U</td>
<td>Silent dialogue with the body -- the Feldenkrais view of touching [German].</td>
<td>Krankengymnastik: Zeitschrift fur Physiotherapeuten. 2003; 55(12): 2134-6, 2138-40</td>
<td>Touch</td>
<td>Man is a holistic system: thinking, feeling, and acting are interactive elements of life. It follows that when I touch a person, I touch not only his body, but I also move and touch his mind and his soul. Using this as a given, and assuming the human concept of the Feldenkrais method, namely that man is a self-regulating system, with a lifelong capacity to learn, we describe the essential aspects of touching. What posture should I assume? Where do I begin to make initial contact? What are the elements of having a &quot;silent dialogue&quot;? In concluding, we make clear that this form of touching can only succeed in making the patient feel accepted if extreme care and sensitivity is applied.</td>
</tr>
<tr>
<td>2003</td>
<td>Goldman Schuyler, K</td>
<td>Awareness Through Movement as a catalyst for change.</td>
<td>The Feldenkrais Journal, 15, 39-46.</td>
<td></td>
<td>This is a conversationally written report of the process and impact on Feldenkrais work with a 45-year-old woman with Autism/Cerebral Palsy. It tracks the development of the strategy of the work, the dynamics of the process of change and concludes with some theoretical considerations and practical implications.</td>
</tr>
<tr>
<td>2003</td>
<td>Goldman Schuyler, Kathryn.</td>
<td>A Systems Approach to Learning and Change: Cindy’s Story.</td>
<td>Somatics 14(3): 14-23, Fall/Winter 2003-2004</td>
<td>Dynamic systems theory,</td>
<td>Outlines the basic theories of Moshe Feldenkrais, including the concept of &quot;effortless self-organization&quot; and the concept of movement as a medium for self-development, in so far as it influences the sensory, emotional, social, cognitive and linguistic aspects of the person. Describes the process of becoming conscious of self through movement, the path from harmonious movement to perception and feeling, and the importance of breathing as a support to movement. Outlines the application of two aspects of the Feldenkrais method,</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------------</td>
<td>--------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2002</td>
<td>Lowe, Bernd; Breining, Katja; Wilke, Stefanie; Wellmann, Renate; Zipfel, Stephan; Eich, Wolfgang</td>
<td>Quantitative and qualitative effects of Feldenkrais, progressive muscle relaxation, and standard medical treatment in patients after acute myocardial infarction.</td>
<td>Psychotherapy Research. Vol 12(2) Sum 2002, Cardiac Rehabilitation 179-191.</td>
<td>Musculoskeletal PURPOSE: The main aim of this study was to examine the effectiveness of the Feldenkrais method of functional integration and of progressive muscle relaxation (PMR) compared with the standard medical treatment during the acute phase after myocardial infarction. Three patient groups (20 in each) received 1 of 3 treatment options: 2 sessions of Feldenkrais therapy, 2 sessions of PMR, or no intervention. Evaluations using quantitative and qualitative methods were performed every 3.7 and 7.8 days after Ss' myocardial infarction, respectively. Significant improvements, independent of the intervention, were found over the evaluation period in the perception of body dynamics, body image scale in the physical well-being and emotional well-being quality-of-life scales. A statistically significant, differential effect of any one intervention with respect to the control group did not arise in any of the quantitative questionnaire variables examined. However, subjective improvements of varying description were noted by 17 of 20 patients after the 1st Feldenkrais therapy and by 13 of 20 patients after the 1st PMR treatment. The qualitative patient statements support using the Feldenkrais method or PMR for particular cases in an acute medical setting and continuing treatment during rehabilitation or on an outpatient basis.</td>
<td>Examined the effectiveness of the Feldenkrais method of functional integration and of progressive muscle relaxation (PMR) compared with the standard medical treatment during the acute phase after myocardial infarction. Three patient groups (20 in each) received 1 of 3 treatment options: 2 sessions of Feldenkrais therapy, 2 sessions of PMR, or no intervention. Evaluations using quantitative and qualitative methods were performed every 3.7 and 7.8 days after Ss' myocardial infarction, respectively. Significant improvements, independent of the intervention, were found over the evaluation period in the perception of body dynamics, body image scale in the physical well-being and emotional well-being quality-of-life scales. A statistically significant, differential effect of any one intervention with respect to the control group did not arise in any of the quantitative questionnaire variables examined. However, subjective improvements of varying description were noted by 17 of 20 patients after the 1st Feldenkrais therapy and by 13 of 20 patients after the 1st PMR treatment. The qualitative patient statements support using the Feldenkrais method or PMR for particular cases in an acute medical setting and continuing treatment during rehabilitation or on an outpatient basis.</td>
</tr>
<tr>
<td>2002</td>
<td>Polsgrove, M.J.</td>
<td>Changes in height and postural stability using the Feldenkrais Method.</td>
<td>[Microform Thesis or Dissertation] Microform Publications, University of Oregon Eugene, OR, 2002</td>
<td>Musculoskeletal</td>
<td>18 women (18-45 years) served as subjects for either the experimental group or control group. Individuals participated in a series of exercises designed for either the experimental or control group. The experimental group participated in a series of Feldenkrais method exercises, while the control group participated in a series of related stretching exercise. Exposure to each condition took place over a four-week period, meeting two times a week for 35 to 45 minutes, for a total of eight sessions. Values of height and postural stability were gained from the sensor information of designated marker sites. A multiple regression analysis was used to assess the effects of group training, pre- and post-participation. Results from this analysis showed that no significant difference in height and postural stability existed between the Feldenkrais method group and the stretching group. These results did, however, reveal superiority in the amplitude during medial-lateral sway. Additionally, the frequency during medial-lateral sway, and for the interaction values for frequency during medial-lateral anterior-posterior sway, revealed significant differences for the within group analysis.</td>
</tr>
<tr>
<td>2002</td>
<td>Malmgren-Olsson, E.B., &amp; Branholm, I.B</td>
<td>A comparison between three physiotherapy approaches with regard to health-related factors in patients with non-specific musculoskeletal disorders.</td>
<td>Disability &amp; Rehabilitation, 24(6), 308-317.</td>
<td>Musculoskeletal PURPOSE: The main aim of this study was to compare the effects of Body Awareness Therapy (BAT), the Feldenkrais (FK) method and conventional physiotherapy on changes of health-related quality of life (HRQL), self-efficacy and sense of coherence (SOC) in patients with non-specific musculoskeletal disorders. A second aim was to explore the relationships between SOC, HRQL and self-efficacy and to examine whether SOC could be a predictor of the treatment outcome. METHOD: A total of 78 patients, 64 women and 14 men, were recruited consecutively into 3 treatment options: 2 sessions of Feldenkrais therapy, 2 sessions of PMR, or no intervention. Evaluations using quantitative and qualitative methods were performed every 3.7 and 7.8 days after Ss' myocardial infarction, respectively. Significant improvements, independent of the intervention, were found over the evaluation period in the perception of body dynamics, body image scale in the physical well-being and emotional well-being quality-of-life scales. A statistically significant, differential effect of any one intervention with respect to the control group did not arise in any of the quantitative questionnaire variables examined. However, subjective improvements of varying description were noted by 17 of 20 patients after the 1st Feldenkrais therapy and by 13 of 20 patients after the 1st PMR treatment. The qualitative patient statements support using the Feldenkrais method or PMR for particular cases in an acute medical setting and continuing treatment during rehabilitation or on an outpatient basis.</td>
<td>A comparison between three physiotherapy approaches with regard to health-related factors in patients with non-specific musculoskeletal disorders. The study was conducted with 78 patients (64 women and 14 men) who were recruited into 3 treatment options: 2 sessions of Feldenkrais therapy, 2 sessions of PMR, or no intervention. Evaluations using quantitative and qualitative methods were performed every 3.7 and 7.8 days after Ss' myocardial infarction, respectively. Significant improvements, independent of the intervention, were found over the evaluation period in the perception of body dynamics, body image scale in the physical well-being and emotional well-being quality-of-life scales. A statistically significant, differential effect of any one intervention with respect to the control group did not arise in any of the quantitative questionnaire variables examined. However, subjective improvements of varying description were noted by 17 of 20 patients after the 1st Feldenkrais therapy and by 13 of 20 patients after the 1st PMR treatment. The qualitative patient statements support using the Feldenkrais method or PMR for particular cases in an acute medical setting and continuing treatment during rehabilitation or on an outpatient basis.</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>----------------------------------------------------------------------</td>
<td>------------------------------------------</td>
<td>-------</td>
<td>----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2002</td>
<td>Kerr, G.A., Kotynia, F., &amp; Kolt, G.S</td>
<td>Feldenkrais Awareness Through Movement and state anxiety.</td>
<td>Journal of Bodywork and Movement Therapies, 6(2), 102-107.</td>
<td>Psychology - anxiety</td>
<td>The ability of the FELDENKRAIS Method to reduce state anxiety was investigated. Specifically, both a single FELDENKRAIS Awareness Through Movement lesson and a 10-week FELDENKRAIS Awareness Through Movement programme were studied. Participants volunteered to take part in one 1-hour class each week for 10 weeks. Individuals who declined to participate in the 10-week programme were given the opportunity to participate in a single 1-hour lesson during week 5. Participants were divided into two groups: new and returning students, based on previous experience with Awareness Through Movement lessons. Participants were administered the State-Trait Anxiety Inventory (Spielberger et al. 1983) prior to the beginning of the first lesson (week 1–T1), immediately before and after the fifth lesson (week 5–T2 and T3), and after the final lesson (week 10–T4). Findings indicated that state anxiety scores decreased significantly over a single lesson (T2 T3) for both new (n=13) and returning (n=42) students. In addition, state anxiety scores were significantly lower after the 10-week programme (T4) when compared with baseline scores (T1) for new (n=3) and returning (n=42) students, with new students experiencing a significantly greater reduction than returning students. These findings can be interpreted as further support for the efficacy of the FELDENKRAIS Method in reducing state anxiety.</td>
</tr>
<tr>
<td>2002</td>
<td>Galeota-Wozny, N.</td>
<td>Ouch! Dancers find a path out of pain with the Feldenkrais-Method.</td>
<td>DANCE MAGAZINE, 76 (11), 36-</td>
<td>Dance</td>
<td>A somatic approach to contemporary dance technique advocates individual uniqueness and the distinctive sensory experience of each student as a starting point to improve understanding and self-knowledge of movement. Despite the recent increase of somatic education within dance education and academia, there has been little research investigating somatic education and contemporary dance from the perspective of the student. This thesis presents a phenomenological study examining student perceptions of the Feldenkrais Method of somatic education and contemporary dance technique with a group of pre-professional and professional dancers in New Zealand. A socio-constructivist position informs the researcher's teaching process and the interpretation of students' experiences. Students' voices are examined through thematic analysis while the researcher's teaching practice is investigated through teacher research (Cochran-Smith, 1993; Mitchell, 2000; Russel &amp; Bullock, 1999) and reflective practice (Schon, 1983). Students' perceptions of experiences over five days of classes are gathered through participant observation, group discussions, journal entries and individual interviews. Results are discussed in relation to socio-constructivist epistemology, students' perceptions of self-authority and sensory awareness in dance. The study has shown that a combination of both teacher and student centred pedagogy was a useful approach for integrating somatic education and contemporary dance technique. The outcomes of this study may contribute to knowledge in a range of areas that include research methodology in dance, research in the Feldenkrais Method of somatic education and research in teachers' professional knowledge in dance education.</td>
</tr>
<tr>
<td>2002</td>
<td>Buchanan PA, Ulrich BD</td>
<td>The Feldenkrais Method®: A dynamic approach to changing motor behaviour.</td>
<td>Res Q Exerc Sport 2001 Dec;72(4):315-23.</td>
<td>Dynamic systems theory,</td>
<td>This tutorial describes the Feldenkrais Method and points to parallels with a dynamic systems theory (DST) approach to motor behaviour. Feldenkrais is an educational system designed to use movement and perception to foster individualized improvement in function.</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>-------------------</td>
</tr>
<tr>
<td>2001</td>
<td>Hannon JC.</td>
<td>The physics of FELDENKRAIS : part 4: unstable equilibrium and its application to movement therapy.</td>
<td>Journal of Bodywork and Movement Therapies. 2001 Apr; 5(2): 132-45.</td>
<td>Mechanics</td>
<td>This installment, the fourth in a series, presents information useful in harnessing the principles of physics to bodywork and movement therapy. It also provides encouragement towards developing skeletal awareness. This 'felt-sense' may help bind a better resolution of the spatial relationships of the human locomotor frame. In turn, this conception may assist in applying the Principle of Least Effort to good effect. Gravity, an unseen force of constant direction and intensity, may be another ally in our use of the Principle of Least Effort. An abstraction, the centre of gravity, may be useful in refining our sense of self as we orient and move through space. Leverage is the last concept presented; the fulcrum and common forms of leverage in the body are presented along with the idea of axes of rotation and instantaneous axes of rotation.</td>
</tr>
<tr>
<td>2001</td>
<td>Hannon JC.</td>
<td>The physics of FELDENKRAIS : part 5: unstable equilibrium and its application to movement therapy.</td>
<td>Journal of Bodywork and Movement Therapies. 2001 Jul; 5(3): 207-21.</td>
<td>Mechanics</td>
<td>This article, fifth in a series, explores the concept of unstable equilibrium as a form of dynamic repose. This presumes that movement best complies with the Principle of Least Effort when the initial posture incorporates maximal potential energy with minimal inertia. Such action, properly controlled, incorporates strength, dexterity and a quickened reaction time. Also introduced is the idea of reversibility; an attribute, described by Feldenkrais, indicating excellence in motor control. Different forms of gait provide a vehicle for discussion. Exercises and a sitting treatment featuring unstable equilibrium are presented.</td>
</tr>
<tr>
<td>2001</td>
<td>Lusky BW. Devlin K.</td>
<td>Alternative therapies in the treatment of upper extremity dysfunction.</td>
<td>Orthopaedic Physical Therapy Clinics of North Musculoskeletal America. 2001 Dec; 10(4): 667-79.</td>
<td>Musculoskeletal</td>
<td>This article describes the use of alternative therapies to treat patients with orthopaedic upper extremity injuries. Numerous alternative therapies might be considered for treatment; this article discusses the approaches most widely used and scientifically documented, including acupuncture, craniosacral therapy, and Feldenkrais, all of which have in common a general philosophy of enhancing the natural healing system to improve function and decrease pain.</td>
</tr>
<tr>
<td>2001</td>
<td>Kendall SA. Ekselius L. Gerdie B. Soren B. Bengtsson A.J</td>
<td>Feldenkrais intervention in Fibromyalgia patients: a pilot study.</td>
<td>J Musculoskeletal Pain. 9(4):25-35, 2001.</td>
<td>Musculoskeletal</td>
<td>Objectives: To evaluate the effect of the Feldenkrais intervention, in fibromyalgia patients. Methods: Twenty fibromyalgia patients started Feldenkrais intervention done as one individual and two group sessions weekly for 15 weeks. Nineteen started a group-based pain education program followed by a pool program. Test and self-report questionnaires were administered at the start, at six month follow up, and at the end of intervention. Results: After the Feldenkrais intervention improvement in balance and trends to better lower extremity muscle function were shown, but the improvements were not maintained. Conclusions: No sustained benefit of the Feldenkrais intervention compared to a pool program was seen. Methodological problems are discussed.</td>
</tr>
<tr>
<td>2001</td>
<td>Smith AL. Kolt GS. McConville JC.</td>
<td>The effect of the Feldenkrais method on pain and anxiety in people experiencing chronic low back pain</td>
<td>New Zealand Journal of Physiotherapy. 2001 Mar; 29(1): 8-14.</td>
<td>Psychology - anxiety, Pain</td>
<td>The aim of this pilot investigation was to evaluate the Feldenkrais Method's effect on pain and state anxiety in people experiencing chronic low back pain. Participants (N = 25) were aged between 25 and 78 years, and were recruited from a community health centre, a rehabilitation hospital, and from the general community. The sample was divided into two groups: Feldenkrais and control. The Feldenkrais group experienced a 30-minute Awareness Through Movement session whilst the control group listened to a narrative of the same duration. Pain was assessed pre and post intervention using the Short-Form McGill Pain Questionnaire. State anxiety was also measured pre and post intervention using the State Scale of the State-Trait Anxiety Inventory. Multivariate Analyses of Variance showed that the Feldenkrais intervention was effective in reducing the affective dimension of pain (p &lt; .05), but not the sensory or evaluative dimensions, nor state anxiety. These findings are</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td></td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>Wright, J.</td>
<td>Bodies, meanings and movement: a comparison of the language of a physical education lesson and a Feldenkrais movement class.</td>
<td>Sport, education and society 5(1), Mar 2000, 35-49</td>
<td>Education</td>
<td></td>
</tr>
</tbody>
</table>

Patients with non-specific musculoskeletal disorders are often remitted for physiotherapy treatment in primary care. The rehabilitation effects for this patient group are generally poor and many of the treatment methods used have not been scientifically evaluated. The purpose of this study is to compare treatment effects of Body Awareness Therapy, Feldenkrais, and conventional individual treatment with respect to changes in psychological distress, pain, and self-image in patients with non-specific musculoskeletal disorders. A total of 78 patients, 64 females and 14 males, with non-specific musculoskeletal disorders were recruited consecutively to the different treatment groups in a quasi-experimental design. The patients were measured three times during the study period: before the interventions, after six months, and after one year. The results showed significant positive changes over time in all three treatment groups with regard to reduced psychological distress, pain, and improved negative self-image. There were few significant differences among the groups but effect-size analysis indicated that the group treatments using Body Awareness and Feldenkrais might be more effective than conventional treatment.

This study examined the effectiveness of a structured, group motor learning process, Awareness Through Movement (ATM), on balance, balance confidence, and self-efficacy. Twelve people with multiple sclerosis were randomly assigned to either ATM or control groups. The ATM group participated in 8 classes, 2 to 4 hours each while the control group participated in educational sessions, over 10 weeks. Six outcome measures were used: the Basic Balance Master modified Clinical Test of Sensory Interaction in Balance (mCTSIB) and Limits of Stability tests; the Activities-specific Balance Confidence Scale; prospective falls; Equiscale; and the Multiple Sclerosis Self-Efficacy Scale. The ATM group exhibited significantly improved mCTSIB scores indicating an average center of pressure position closer to theoretical center, had significantly fewer abnormal mCTSIB tests, and demonstrated improved balance confidence compared to controls. There was a trend toward improvement in all other measures in the ATM group compared to controls. These results suggest that this type of motor learning intervention can be effective in improving a variety of physical and psychological parameters related to balance and postural control.

In Western societies since (and probably before) Descartes, the human body has been objectified and alienated from the self, something to be subdued, managed and more recently worked upon as symbol of self-value. Sport and exercise are sites where the objectification of the body has been traditionally promoted. In recent times with the scientisation of elite sport and the commodification of bodies in sport, the objectification of the body has taken new forms and achieved greater prominence. Physical education as the...
### FELDENKRAIS METHOD RESEARCH LIST – Compiled by Kim Wise, updated by Karol Connors, May 2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Publication</th>
<th>Topic</th>
<th>Abstract / Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Hannon, J.C.</td>
<td>The physics of Feldenkrais. Part 1</td>
<td>Journal of Bodywork and Movement Therapies, 2000, 4(1), 27-30.</td>
<td>Mechanics</td>
<td>The traditional practices of physical education, including choices in teacher language, position bodies as objects, and movement as an instrumental outcome of practice. Not all movement practices, however, subscribe to this approach. This paper will compare the language practices of teachers in a physical education lesson and a Feldenkrais movement class, as these constitute different forms of embodiment, different selves. Its purpose is to provide further resources for critical reflection on the ways in which pedagogical practices position students and contribute to the shaping of particular forms of subjectivity.</td>
</tr>
<tr>
<td>2000</td>
<td>Hannon JC.</td>
<td>The physics of FELDENKRAIS. Part 2: No strain, no gain.</td>
<td>Journal of Bodywork and Movement Therapies. 2000 Apr; 4(2): 114-22.</td>
<td>Mechanics</td>
<td>In the last issue, which was the first of this series, the Principle of Least Effort was introduced. (Use the least effort necessary to achieve the maximum in efficiency). Two sitting self-awareness explorations were presented to help deepen this understanding and to encourage a visceral comprehension of another principle: Control follows awareness. This issue features additional clinical examples and an explanation of several terms of art in bodywork: stress, strain, translation and rotation. These words help to stake out the territory of bodywork. There are only five forms of strain and only two basic movements in any form of bodywork. We shall see the practical advantages of understanding the concepts these words carry. Clinical results may be enhanced with improved physical safety to both the therapist and client. Secondly, a sure grasp of the technical meanings of these words is essential for delving further into the treatment applications of the Principle of Least Effort.</td>
</tr>
<tr>
<td>2000</td>
<td>Hannon JC.</td>
<td>The physics of FELDENKRAIS. Part 3: Stability.</td>
<td>Journal of Bodywork and Movement Therapies. 2000 Oct; 4(4): 261-72.</td>
<td>Mechanics</td>
<td>In the last article in this series, we briefly examined the Principle of Least Effort and the five forms of strain. Strain, you may recall, in physics, describes a change in the volume of a material when a force is applied. Our treatments are a blend of rotation and translation movements of our hands with a changing mix of strains being applied onto the client's tissues. Harnessing and interweaving the various forms of strain with dexterity may aid us in improving our treatment efficacy. In this issue, we will consider the importance of anchorage and stability in treatment, We will consider a set of 'House Rules' for improving treatment. In addition, we will explore Bernstein's concept of degrees of freedom.</td>
</tr>
<tr>
<td>2000</td>
<td>Dunn PA and Rogers DK.</td>
<td>Feldenkrais Sensory Imagery and Forward Reach.</td>
<td>Perceptual and Motor Skills. 91:755-57, 2000.</td>
<td>Musculoskeletal</td>
<td>To investigate the effect of sensory imagery on subsequent movement, a unilateral Feldenkrais lesson of imaging a soft bristle brush passing over one half of the body and in which no movement occurred, was given to 12 naive subjects. Forward flexion for each side of the body was measured at a sit-and-reach box. For 8 and 10 subjects who reported the perception of a side as being longer and lighter following the sensory imagery, there was also a significant increase in the forward flexion range on that side.</td>
</tr>
<tr>
<td>2000</td>
<td>Abenhaim L, Rossignol M, Vaalat J et al.</td>
<td>The role of activity in the therapeutic management of back pain: Report of the Paris International Task Force on Back Pain.</td>
<td>Spine. 25(4S Suppl.): 1S-33S, 2000</td>
<td>Musculoskeletal</td>
<td>This is an excellent review article that mentions Feldenkrais Method as one of 20 or so approaches to working with back pain.</td>
</tr>
<tr>
<td>2000</td>
<td>Gilman J M, Yaruss JS.</td>
<td>Stuttering and relaxation: applications for somatic education in stuttering treatment.</td>
<td>Fluency Disorders. 25(1): 59-76, 2000.</td>
<td>Voice and Speech</td>
<td>The effects of a FELDENKRAIS Awareness Through Movement program and relaxation procedures were assessed on a volunteer sample of 54 undergraduate physiotherapy students over a 2-week period. Participants were randomly allocated into a FELDENKRAIS METHOD group, a relaxation group, or a no-treatment (control) group, and state anxiety was measured using the Composed-Anxious scale of the Profile of Mood States-Bipolar Form (Lorr &amp; McNair 1982) on four occasions: prior to the first intervention, prior to the fourth intervention, on completion of the fourth intervention, and one day after the fourth intervention.</td>
</tr>
<tr>
<td>2000</td>
<td>Kolt GS, McConville JC.</td>
<td>The effects of a FELDENKRAIS Awareness Through Movement program on state anxiety.</td>
<td>Journal of Bodywork and Movement Therapies. 2000 Jul; 4(3): 216-20.</td>
<td>Psychology - Anxiety</td>
<td>The effects of a FELDENKRAIS Awareness Through Movement program and relaxation procedures were assessed on a volunteer sample of 54 undergraduate physiotherapy students over a 2-week period. Participants were randomly allocated into a FELDENKRAIS METHOD group, a relaxation group, or a no-treatment (control) group, and state anxiety was measured using the Composed-Anxious scale of the Profile of Mood States-Bipolar Form (Lorr &amp; McNair 1982) on four occasions: prior to the first intervention, prior to the fourth intervention, on completion of the fourth intervention, and one day after the fourth intervention.</td>
</tr>
</tbody>
</table>

Awareness Through Movement®, Functional Integration®, Feldenkrais Method®, and ® are registered marks of the Australian Feldenkrais Guild Inc.
### FELDENKRAIS METHOD RESEARCH LIST – Compiled by Kim Wise, updated by Karol Connors, May 2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Publication</th>
<th>Topic</th>
<th>Abstract / Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>2000</td>
<td>Stephens J.</td>
<td>Feldenkrais method: background, research, and orthopaedic case studies.</td>
<td>Orthopaedic Physical Therapy Clinics of North America. 2000 Sep; 9(3): 375-94.</td>
<td>Musculoskeletal</td>
<td>Analysis of variance showed that anxiety scores for all groups varied significantly over time and, specifically, that participants reported lower scores at the completion of the fourth intervention. Further, compared to the control group, females in the FELDENKRAIS and relaxation groups reported significantly lower anxiety scores on completion of the fourth session (compared to immediately prior to the fourth session), and this reduction was maintained one day later. These findings can be interpreted as preliminary evidence of the efficacy of the FELDENKRAIS METHOD and relaxation procedures in reducing anxiety.</td>
</tr>
<tr>
<td>2000</td>
<td>Wendell LL.</td>
<td>Some effects of the Feldenkrais Method on Parkinson’s symptoms and function.</td>
<td>Unpublished case study by LL Wendell client and Marilyn Johnson, Feldenkrais Practitioner. June 2000.</td>
<td>Neurology</td>
<td>This is a brief, interesting, single case study documenting observations on changes in function before and after a year of Feldenkrais lessons.</td>
</tr>
<tr>
<td>2000</td>
<td>Ives, J.C., &amp; Sosnoff, J.</td>
<td>Beyond the mind-body exercise hype.</td>
<td>The Physician and Sportsmedicine, 2000, 28, 3.</td>
<td>Research Theory and Reviews</td>
<td>Mind-body exercise methods are spreading rapidly throughout the health, fitness, and rehabilitation fields. Many of the claimed benefits for these activities are not supported by clinical evidence, and, as alternative therapies, they carry legal and professional ramifications. Understanding the nature of mind-body exercise and knowing the scientific evidence behind claims for its benefits can help clinicians make appropriate recommendations to patients. For example, yoga and tai chi can reduce stress, decrease hypertension, and exert cardiorespiratory benefits, and tai chi can improve balance in seniors. However, there is not enough evidence to support replacing conventional medical treatments with somatic methods.</td>
</tr>
<tr>
<td>2000</td>
<td>Ohry, A., &amp; Tsafir, J.</td>
<td>David Ben-Gurion, Moshe Feldenkrais and Raymond Arthur Dart.</td>
<td>ISRAEL MEDICAL ASSOCIATION JOURNAL, Pain 2000, 2(1), 66-67.</td>
<td>Author Keywords: low back pain; posture; Feldenkrais method; Raymond Dart; David Ben-Gurion; history</td>
<td></td>
</tr>
<tr>
<td>2000</td>
<td>Buchanan, P.A., &amp; Vardaxis, V.G.</td>
<td>Effects of Feldenkrais Awareness Through Movement on balance during standing.</td>
<td>Journal of Athletic Training, 2000, 35, S-81.</td>
<td>Balance</td>
<td>A philosophical study that includes a chapter comparing the methodologies and background principles of the Feldenkrais Method with Alexander Technique and Bioenergetics, and that also includes chapters on the soma-media relationship and on non-discursive understanding in terms of the concept of somaesthetics.</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>--------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
<td>--------------------</td>
<td>-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>2000</td>
<td>Wright, Jan</td>
<td>Bodies, Meanings, and Movement</td>
<td>Sport, Education and Society, Vol. 5 No. 1, 2000, Univ. of Wollongong, Australia</td>
<td>Philosophy</td>
<td></td>
</tr>
<tr>
<td>1999</td>
<td>Lundblad I. Elert J. Gerdle B.</td>
<td>Randomized controlled trial of physiotherapy and Feldenkrais interventions in female workers with neck-shoulder complaints.</td>
<td>Journal of Occupational Rehabilitation. 1999 Sep; 9(3): 179-94.</td>
<td>Musculoskeletal</td>
<td>The present study aimed to investigate whether physiotherapy or Feldenkrais interventions resulted in a reduction of complaints from the neck and shoulders (prevalence, pain intensity, sick leave, and disability in leisure and work roles) in 97 female industrial workers (not on long-term sick leave). Range of motion of neck and shoulders, VO2, endurance score (i.e., summation of pain intensity ratings during a static shoulder flexion), cortical control according to the Feldenkrais methodology, and physiological capacity according to a dynamic endurance test of the shoulder flexors with simultaneous surface EMG were also recorded. The workers were randomized to: (1) physiotherapy group (PT-group; treatment according to the ergonomic program of the PTs of the occupational health care service), (2) Feldenkrais group (F-group; education according to the Feldenkrais methodology), or (3) control group (C-group; no intervention). Pre- and post-tests were made at one-year intervals. The two interventions lasted 16 weeks during paid working time. The F-group showed significant decreases in complaints from neck and shoulders and in disability during leisure time. The two other groups showed no change (PT-group) or worsening of complaints (C-group). The present study showed significant positive changes in complaints after the Feldenkrais intervention but not after the physiotherapy intervention. Possible mechanisms behind the effects in the F-group are discussed.</td>
</tr>
<tr>
<td>1999</td>
<td>Bearman D, Shafarman S</td>
<td>Feldenkrais Method in the Treatment of Chronic Pain: A Study of Efficacy and Cost Effectiveness.</td>
<td>Am. J. Pain Management. 9 (1): 22-27, 1999.</td>
<td>Pain</td>
<td>A preliminary study was undertaken to determine both the efficacy and cost effectiveness of the Feldenkrais Method for treatment of Medicaid recipients with chronic pain at the Santa Barbara Regional Health Authority (SBRHA). SBRHA staff wished to offer treatment for chronic pain patients beyond what is provided for in the Medicaid scope of benefits. Conventional intensive chronic pain treatment programs costs range from $7,000 to $30,000 and are not covered by regular Medicaid benefits. Patients with chronic headaches and/or musculoskeletal problems were enrolled in the study. Seven patients began the program; all completed it. Patient satisfaction, function, and perception of pain were evaluated by using the National Pain Data Batik (NPDB) protocol of the American Academy of Pain Management. Participants reported more mobility and decreased perception of pain, both immediately after the program and in a one-year follow-up questionnaire. Results compared quite favourable with NPDB comparison groups. Cost effectiveness calculations were based on Medicaid costs for one-year periods pre- and post-intervention. Patient costs dropped from an average of $141 per month to $82 per month. This represents a 40% savings</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>-------------------</td>
</tr>
<tr>
<td>1999</td>
<td>Hopper C, Kolt GS, McConville JC</td>
<td>The effects of Feldenkrais Awareness Through Movement on hamstring length, flexibility and perceived exertion.</td>
<td>J Bodywork Movement Therapies 3(4): 238-247, 1999.</td>
<td>Musculoskeletal</td>
<td>Although the Feldenkrais Method is rapidly gaining popularity among health professionals, only a small body of empirical research has documented its efficacy. The aim of the current study was to investigate the effects of the Feldenkrais Method on flexibility, perceived exertion and hamstring length. In Study 1, 79 healthy participants undertook measurements of flexibility (sit and reach test), perceived exertion (Borg's Rating of Perceived Exertion 6-20) and hamstring length (active knee extension test) prior to being randomly allocated into a Feldenkrais or control group. The same measurements were taken after the group intervention (a Feldenkrais Awareness Through Movement lesson, or control procedure). Although the Feldenkrais participants improved significantly more in sit and reach measurements than their control counterparts, no differences between the groups were found for measures of perceived exertion or hamstring length. In Study 2, a sub sample of 39 participants took part in a further three intervention sessions with the three measures being taken again prior to and after the fourth (final) intervention. No group differences were found for any of the outcome indicators across time. These findings are discussed in terms of implications for further research and health care practice.</td>
</tr>
<tr>
<td>1999</td>
<td>Ginsburg C. J</td>
<td>Body-Image, Movement and Consciousness: Examples from a Somatic Practice in the Feldenkrais Method.</td>
<td>Consciousness Studies. 6(2-3): 79-91, 1999.</td>
<td>Philosophy</td>
<td>We think of consciousness as a thing. Observation of our experience indicates that we are actually consciousing, and that experiencing is closely related to movement and the muscular sense. The position of this paper is that mind and body are not two entities related to each other but an inseparable whole while functioning. From concrete examples from the Feldenkrais Method, it is shown that changes in the organization of movement and functioning are intimately related and that one cannot change without conscious experience. Implications for the resolution of controversies in the field of consciousness studies and the neurosciences are suggested.</td>
</tr>
<tr>
<td>1999</td>
<td>Seegert EM, Shapiro R</td>
<td>Effects of alternative exercise on posture.</td>
<td>Clinical Kinesiology: Journal of the American Kinesiotherapy Association. 1999 Summer; 53(2): 41-7.</td>
<td>Posture</td>
<td>This investigation examined the effects of neuromuscular re-education exercises on the standing posture of 25 colleague students. The Portland State University Posture Analysis Form (PSU PAF), a force platform, and a tape measure were used to measure postural alignment, postural sway, and height before and after treatment sessions. Subjects completed a subjective questionnaire. Controls rested in supine posture during the treatment session, while the exercise group performed selected Feldenkrais and psychophysical re-education exercises. Dependent t-tests were used to determine differences between the pre tests and post tests. Both groups showed decreases in all sway variables, for both eyes open (EO) and eyes closed (EC) conditions, improved alignment of body parts, and increased height. Only the exercise groups showed statistically significant sways. Only exercise group subjects reported feeling more efficient after the treatment session. Both groups reported increased tightness and discomfort of various body parts after treatment. The data suggest that the supine positioning is responsible for some changes. The postural sway results and the rate of height increase suggest that the exercises may also have independent effects.</td>
</tr>
<tr>
<td>1999</td>
<td>Stephens J, Call S, Evans K, Glass M, Gould C, Lowe J</td>
<td>Responses to ten Feldenkrais awareness through movement lessons by four women with multiple sclerosis: improved quality of life.</td>
<td>Physical Therapy Case Reports. 1999 Mar; 2(2): 58-69.</td>
<td>Neurology, Quality of Life</td>
<td>Four women with multiple sclerosis who were ambulatory and worked full-time participated in 10 Awareness Through Movement classes over 10 weeks. Assessment before and after the series of classes included the Incapacity Status and the Environmental Status Scales of the Minimal Record of Disability, the Fatigue Severity Scale, and the Index of Well-Being. Before each class and at the final data collection, each person was asked several questions</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>--------------------</td>
</tr>
<tr>
<td>1999</td>
<td>Shelhav-Silberbush, Chava</td>
<td>Bewegung und Lernen. Die Feldenkrais Methode als ein Lernmodell.</td>
<td>Dortmund: Verlag Modernes Lernen.</td>
<td>Education</td>
<td>Analyses of walking and supine-to-stand were done using the PEAK Motus video motion analysis system. A follow-up interview was done with two women one year after the classes ended. Three of the four participants experienced an increase in symptoms at some time during the 10 weeks; nonetheless, all made improvements. Outcomes show that two broad areas of improvement were ease and steadiness of daily movement, and sense of well-being. These Outcomes suggest that Awareness Through Movement is beneficial for some people with multiple sclerosis, although in different ways for each person.</td>
</tr>
<tr>
<td>1999</td>
<td>Inglis, A.</td>
<td>Cause and effect (The Feldenkrais Method, injured musicians learn movement awareness).</td>
<td>STRAD, 110 (1308), 350-</td>
<td>Musicians</td>
<td>This study compared four subjects’ body image scores, as measured by a semantic differentiation scale, before and after a series of Awareness Through Movement lessons. Four subjects were chosen to participate in this study based on their initial score on a semantic differentiation scale. The four subjects met with the researcher twice a week for 45 minutes each time to receive either tutoring or Awareness Through Movement lessons. Subject one received Awareness Through Movement lessons during the whole six weeks session. Subject two received Awareness Through Movement lessons for the first three weeks and one-on-one tutoring during the last three weeks. Subject three received one-on-one tutoring the first three weeks and Awareness Through Movement lessons during the last three weeks. Subject four received one-on-one tutoring during the whole six weeks session. The subjects completed a semantic differentiation scale before the study began, after three weeks, and at the end of the study. The results indicated that a person who received Awareness Through Movement lessons scored higher on a semantic differentiation scale designed to measure body image, than a person who received one-on-one tutoring. The results also indicated that although the score on the semantic differentiation scale decreased slightly three weeks after the person stopped the Awareness Through Movement lessons, the score did not revert back to the initial level. This study suggests improvements in body image as measured on the semantic differentiation scale, following ATM lessons, compared to controls receiving tutoring. Four subjects, crossover design.</td>
</tr>
<tr>
<td>1999</td>
<td>Elgelid, H.S.</td>
<td>Feldenkrais and body image.</td>
<td>Unpublished master's thesis, University of Central Arkansas, Conway, AK, USA. The Feldenkrais Journal 9: 32-45. <a href="http://www.ifresearchjournal.org">http://www.ifresearchjournal.org</a></td>
<td>Body Awareness / Body Image</td>
<td>About her medical and functional status. Analyses of walking and supine-to-stand were done using the PEAK Motus video motion analysis system. A follow-up interview was done with two women one year after the classes ended. Three of the four participants experienced an increase in symptoms at some time during the 10 weeks; nonetheless, all made improvements. Outcomes show that two broad areas of improvement were ease and steadiness of daily movement, and sense of well-being. These Outcomes suggest that Awareness Through Movement is beneficial for some people with multiple sclerosis, although in different ways for each person.</td>
</tr>
<tr>
<td>1998</td>
<td>Shelhav-Silberbush, Chava</td>
<td>Movement and Learning: The Feldenkrais Method® as a Learning Model.</td>
<td>PhD Dissertation, Faculty of Sociology and Behavioral Science. Heidelberg University, Germany. 1998. Published in German.</td>
<td>Education</td>
<td></td>
</tr>
</tbody>
</table>
## FELDENKRAIS METHOD RESEARCH LIST – Compiled by Kim Wise, updated by Karol Connors, May 2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Publication</th>
<th>Topic</th>
<th>Abstract / Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1998</td>
<td>Bennett JL, Brown BJ, Finney SA, and Sarantakis CP</td>
<td>Effects of a Feldenkrais Based Mobility Program on Function of a Healthy Elderly Sample.</td>
<td>Abstract in Issues on Aging 21(1):27</td>
<td>Balance and Mobility</td>
<td>Despite the growing popularity of the Feldenkrais method in Australia (Wildman 1990b), little research is available investigating its efficacy. The current study investigated the effects of the Feldenkrais method on hamstring length. Forty-eight healthy undergraduate participants were randomly allocated into Feldenkrais, relaxation, or control groups. All subjects had their right hamstring measured using a modified active knee extension test prior to the first session, prior to the fourth (final) session, and after the final session of intervention. Two-way analysis of variance with time of measurement as a repeated measure revealed no significant differences between the groups. The findings are discussed in relation to apparent ineffectiveness of the Feldenkrais awareness through movement lessons used on hamstring length, exposure time to the technique, and attitudes towards the Feldenkrais method.</td>
</tr>
<tr>
<td>1998</td>
<td>Ives JC, Shelley GA</td>
<td>The Feldenkrais Method in Rehabilitation: a review.</td>
<td>WORK: A Journal of Prevention, Assessment and Rehabilitation. 11: 75-90. 1998.</td>
<td>Research Theory and Reviews</td>
<td>This article contains a listing of many unpublished pieces of research, which are not listed in other places. Peer Reviewed. Musculoskeletal disorders are often suggested to be caused, in part, by poor postural behaviours that are associated with occupational demands. The inefficacy of conventional strategies to elicit postural correction has prompted many to seek alternative techniques such as the Feldenkrais Method®. The rapidly growing use of the Feldenkrais Method® by laypersons and professionals has been fuelled by extravagant claims and data published in non-peer-reviewed sources, for the effectiveness of this technique has been poorly documented in peer-reviewed publications. Therefore the purpose of this review was to critically assess the literature on the Feldenkrais Method® in both juried and non-juried sources. The results have generally indicated some improvement with Feldenkrais® interventions; however, these improvements are not nearly as large as suggested by the anecdotal claims. Unfortunately, most of the juried and non-juried findings and conclusions are questionable due to inadequately controlled studies and other serious methodological problems. As such, determination of the effectiveness of the Feldenkrais Method® based on the literature is difficult at best, and the only justifiable conclusion is that more study is warranted.</td>
</tr>
<tr>
<td>1997</td>
<td>Phipps A, Lopez R, Powell R (advisor), Lundy-Ekman L (advisor), Maebori D (CFP)</td>
<td>A Functional Outcome Study on the Use of Movement Re-Education in Chronic Pain Management.</td>
<td>Master’s Thesis at Pacific University, School of Physical Therapy, Forest Grove, Oregon, May 1997</td>
<td>Dance</td>
<td></td>
</tr>
<tr>
<td>1997</td>
<td>Gilman, Marina</td>
<td>Reduction of Tension in Stuttering through Somatic Re-Education.</td>
<td>Master’s thesis at Northwestern University, Department of Communication Sciences and Disorders, Evanston, IL. 1997</td>
<td>Voice and Speech</td>
<td>This paper reviews the history of relaxation techniques in stuttering therapy and proposes a means for viewing relaxation not as a passive process (e.g., a feeling of calmness), but rather as an active, dynamic process involving coordinated movement of the entire neuromusculoskeletal system. This balance is central to the theories of somatic education, such as those developed by Alexander, Rolf, and Feldenkrais. Accordingly, this paper argues that the use of somatic education in stuttering treatment may promote the perception of relaxation and facilitate the habitation of new movement patterns, thereby leading to improved generalization of relaxation outside the treatment setting.</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>--------------------</td>
</tr>
<tr>
<td>1997</td>
<td>Laumer U, Bauer M, Fichter M, Mitz H</td>
<td>Effects of Feldenkrais Method Awareness Through Movement in Patients with Eating Disorders.</td>
<td>Therapeutic Psychother Psychosom Med Psychol 47(5): 170-180, 1997</td>
<td>Eating Disorders</td>
<td>English abstract only (Published in German) Based on the movement-pedagogical concept of Feldenkrais and the findings of disturbed body perception by eating disordered patients this research aimed at studying the therapeutical effects of the Feldenkrais Method &quot;Awareness through Movement&quot; with eating disorder patients. 15 eating disordered patients treated at the Rosenbeck hospital for behavioural medicine rated-by means of a questionnaire consisting of scales of the Body Cathexis Scale (BCS), the Body Parts Satisfaction Scale (BPSS), the questionnaire for body perception (Fragebogen zum Korpererleben; FKE), the Emotion inventory (Emotionaletisicahrent; EMI-B), the Anorexia-Nervosa-Inventory for Selfrating (ANIS) and the Eating Disorder Inventory-2 (EDI)-various aspects of their eating disorder before and after participating in a nine hour course of the Feldenkrais Method. The data of these patients were compared to those of the members of a control group, also consisting of 15 eating disordered patients who did not participate in a Feldenkrais course. The participants of the Feldenkrais-course showed increasing contentment with regard to problematic zones of their body and their own health as well as concerning acceptance and familiarity with their own body. Other results were a more spontaneous, open and self-confident behaviour, the decrease of feelings of helplessness and decrease of the wish to return to the security of the early childhood, which indicates the development of felt sense of self, self-confidence and a general process of maturation of the whole personality. The outcome points to the therapeutical effectiveness of the Feldenkrais Method with eating-disorder patients within a multimodal treatment program.</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------------</td>
<td>----------------------------------------------------------------------</td>
<td>-------------------------------------------------</td>
<td>----------------------</td>
<td>---------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1996</td>
<td>Haas, J.D</td>
<td>The relationship of somatic awareness to creative process: An experimental phenomenological study.</td>
<td>Unpublished doctoral dissertation. Dissertation Abstracts International, 1996: 57-07A:2937.</td>
<td>Creativity</td>
<td>These included (among others) conscious breathing, walking meditations, Authentic Movement, Body-Mind Centering, Feldenkrais Awareness through Movement, yoga related to chakras, and theatre improvisational games. Concurrently, the course encouraged participants to become consciously aware of their creative processes. The researcher utilized data from pre and post questionnaires, written responses regarding exercises, essays regarding creativity, autobiographical essays, and exit interviews. Data were presented via individual profiles of the participants, mostly in their own words, structured around these questions: (1) How do students understand their own creative process? (2) How do they experience creative blocks? (3) What were the effects of this course? (4) What connection, if any, do participants perceive between body awareness and creativity? and (5) Does being a member of a group that comes together to focus on somatics and creativity affect one’s creative life? The researcher found participants shared many common themes concerning their experiences of (a) creativity, (b) somatics, and (c) the relationship of somatics to creative process. Themes of self-knowledge, movement from inside to outside, power, energy, receptivity, heightened states of awareness, and change were the most prevalent, dynamic ways in which participants experienced the three categories to be related. The researcher concluded that somatic awareness seemed to be a means of enhancing and fostering creativity for the participants of this study, and that courses which value creativity and kinaesthetic “ways of knowing” would be valuable in general college curricula as well as in arts curricula. The purpose of this study was twofold: (1) to investigate how, if at all, participants, in a specially designed course, experience and understand the relationship between somatic awareness and their creative processes, and (2) to ascertain the value and effectiveness of this course, which emphasizes creative and somatic awareness processes and seeks to provide an atmosphere conducive to enhancing and fostering creativity. The researcher/teacher designed and implemented, at a university, a semester-long course and research project, in which seven women participated. The women, ages 20-51, were encouraged to do a daily practice of exercises designed to increase conscious awareness of sensations in their bodies.</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>------------------</td>
<td>----------------------------------------------------------------------</td>
<td>---------------------------------</td>
<td>------------------------------</td>
<td>-----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1995</td>
<td>yes, K.</td>
<td>The effects of a Feldenkrais Awareness Through Movement program and relaxation training on cognitive mood states.</td>
<td>Unpublished honor's thesis, La Trobe University, Melbourne, Australia</td>
<td>Psychology - mood</td>
<td></td>
</tr>
<tr>
<td>1995</td>
<td>dman, F.</td>
<td>Using available energy. Movement for the elderly.</td>
<td>Advanced Physical Therapists, 6(9), 7-20</td>
<td>Older Adults</td>
<td></td>
</tr>
<tr>
<td>1994</td>
<td>Hoffmann, S.</td>
<td>Die Feldenkrais Methode im Blockfrøtenunterricht.</td>
<td>Unpublished research study, Conservatorium Maastricht, Netherlands</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1994</td>
<td>Lamontanaro, C.</td>
<td>Flexible minds: The Feldenkrais Method offers new ways of thinking about movement and limitation.</td>
<td>PT: Magazine of Physical Therapy, July 3, 4-6, 22.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1993</td>
<td>Steisel, Stephan G.</td>
<td>The Clients Experience of the Psychological Elements in Functional Integration.</td>
<td>Massachusetts School of Professional Psychology, University Microfilms, Ann Arbor, MI 1993.</td>
<td>Psychology</td>
<td>Qualitative</td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------</td>
<td>----------------------------------------------------------------------</td>
<td>----------------------------------------------------------------------------</td>
<td>----------------</td>
<td>----------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>1993</td>
<td>Sturm, Ramona</td>
<td>Sensibilisierung des Bewusstseins für psychophysische Prozesse bezogen auf das Violinspiel. (Sensibilizing consciousness for psycho-physical processes in reference to playing the violin).</td>
<td>Diplomarbeit, Studiengang Musikpädagogik, Hochschule</td>
<td>Musicians</td>
<td></td>
</tr>
<tr>
<td>1992</td>
<td>Lake, Bernard</td>
<td>Photoanalysis of standing posture in controls and low back pain: Effects of kinesthetic procossina (Feldenkrais</td>
<td>In M. Woollocott &amp; F. Horak (Eds.), Posture and Gait: Control Mechanisms VII. (pp. 400-403). University of Oregon Press.</td>
<td>Balance and Mobility, Pain</td>
<td></td>
</tr>
</tbody>
</table>
# FELDENKRAIS METHOD RESEARCH LIST – Compiled by Kim Wise, updated by Karol Connors, May 2012

<table>
<thead>
<tr>
<th>Year</th>
<th>Authors</th>
<th>Title</th>
<th>Publication</th>
<th>Topic</th>
<th>Abstract / Summary</th>
</tr>
</thead>
<tbody>
<tr>
<td>1990</td>
<td>Doman, P.</td>
<td>Useful adjunct for therapists?</td>
<td>Sport Health 8(3),</td>
<td>Musculoskeletal</td>
<td></td>
</tr>
<tr>
<td>1989</td>
<td>Nelson, S.H.</td>
<td>Investigation of human postural muscles and respiratory movements.</td>
<td>M.Sc, University of New South Wales, AUS</td>
<td>Music</td>
<td></td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>------------------</td>
<td>----------------------------------------------------------------------</td>
<td>--------------------------------------------</td>
<td>-------------------</td>
<td>--------------------</td>
</tr>
<tr>
<td></td>
<td></td>
<td>vertical jumping in normal subjects.</td>
<td>Indianapolis, Indianapolis, IN/USA.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td>Haller, Jeffrey S.</td>
<td>Sensorimotor Education and Transpersonal Psychology: Applications of</td>
<td>PhD. Inst. of Transpersonal Psychology,</td>
<td>Psychology, Sports, Motor Performance</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Scott.</td>
<td>the Feldenkrais Method, Aikido, and Neurolinguistic programming with the</td>
<td>Menlo Park, CA, Published doctoral</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>St. Joseph's University Basketball Team.</td>
<td>dissertation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1988</td>
<td>Shelhav-Silberbush, Chava</td>
<td>The Feldenkrais Method for Children with Cerebral Palsy.</td>
<td>MS Thesis. Boston University School of</td>
<td>Cerebral palsy</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Education</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Method: A teaching model presenting psychophysiological techniques</td>
<td>University, Seattle, WA/USA</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>and theory to the general public.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>exercises on the awareness of gross spinal flexion.</td>
<td>Indianapolis, Indianapolis, IN/USA.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Theorie und Praxis - mit einer experimentellen Untersuchung zum</td>
<td>Psychologie und Sportwissenschaft -Abteilung</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Einfluß dieser Methode auf die kinästhetische Diskriminationsleistung</td>
<td>Psychologie- Universität Bielefeld, Germany</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>im Funktionsbereich Schultergürtel-Arme. (Movement Education through</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>the Feldenkrais Method. Historical Aspects/Theory and Practise.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Research on the influence of that method on the kinaesthetic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>discrimination capacity with in the shoulder/arm area).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bodybuilding und der Moshe Feldenkrais-Methode Bewuβtheit durch</td>
<td>Integralwissenschaftliche Fakultät, Universität / Self Image</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Bewegung. (Body image and self concept. A comparative study of</td>
<td>Wien, Austria</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>bodybuilding and the FM/ATM).</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1987</td>
<td>Lake, Bernard</td>
<td>The role of dynamic and kinaesthetic fitness programs in the over 60's.</td>
<td>Proceedings of the 22nd Annual Conference</td>
<td>Motor Performance</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>of the Australian Association for</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Gerontology, pp 50-54, Australia</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Injury and Recovery in a New Setting. An exploration: some women's use</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>of the Feldenkrais method on their journeys of change.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>University, Seattle, WA/US</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Year</td>
<td>Authors</td>
<td>Title</td>
<td>Publication</td>
<td>Topic</td>
<td>Abstract / Summary</td>
</tr>
<tr>
<td>------</td>
<td>---------</td>
<td>-------</td>
<td>-------------</td>
<td>-------</td>
<td>--------------------</td>
</tr>
<tr>
<td>1985</td>
<td>Lake, Bernard</td>
<td>Acute back pain-treatment by application of Feldenkrais principles.</td>
<td>Australian Family Physician, 14(11), 1175-1178</td>
<td>Musculoskeletal</td>
<td></td>
</tr>
<tr>
<td>1984</td>
<td>Strauch, R</td>
<td>Training the whole person.</td>
<td>Training and Development Journal 38(11), 82-86.</td>
<td>Body Awareness / Self Image</td>
<td>Advocates a holistic approach to employee training programs that makes the object of attention the complete activity rather than an isolated piece. The core assumption underlying this approach is that competent performance requires the involvement of the whole person in the whole task. Conventional instruction teaches pieces of a task but may fail to integrate those pieces into an overall pattern. With the holistic approach the student works with patterns of activity that take him/her closer to the activity being trained. Applications of this approach to the training of operators, salesmen, and technicians are considered, and a revolutionary system of psychophysical education developed by M. Feldenkrais (1972, 1982) is described that posits that all human actions involve the entire brain-body system and depend on an internal mental model of self-image. Poor performance results from an incomplete or incorrect self-image. Holistic methods of training encourage greater attention to the process of performing an activity than to the end goal. Paradoxically, as the process is performed more efficiently the goal is achieved more easily—even as it receives less conscious attention.</td>
</tr>
<tr>
<td>1982</td>
<td>Frydman, M. &amp; Frydman, P.</td>
<td>Répercussions psychologiques et physiologiques d'un entraînement à la prise du conscience du corps.</td>
<td>Revue de psychologie appliquée, 32, 89-93.</td>
<td>Body Awareness / Self Image</td>
<td>This study shows that a group of students that underwent daily Feldenkrais lessons was more successful in learning a foreign language than a control group without ATM lessons. During a period of research that was carried out from 1976 to 1979, the authors tested the effects of body-awareness training on perception, memory and skin temperature. In all cases, the experimental groups proved significantly superior to the control groups. Data collected show that the Feldenkrais techniques bring about psychological and physiological changes and probably promote the exploitation of the individual's potential.</td>
</tr>
<tr>
<td>1977</td>
<td>Feldenkrais, M</td>
<td>Awareness through Movement exercises</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>